

General Offices/3M

3M Center
St. Paul, Minnesota 55144-1000
(612) 733-1110

00-55
379

DPM 845

REC'D DEC 03 1987

**MATERIAL SAFETY
DATA SHEET**

3M

DIVISION: ADHESIVES, COATINGS AND SEALERS
TRADE NAME: SCOTCH-GRIP(TM) 1711 Rubber and Gasket
Adhesive

3M I.D. NUMBER: 62-1711-2631-1 62-1711-5530-2 62-1711-6530-1
62-1711-7530-0 62-1711-8530-9 62-1711-9530-8
62-1711-9532-4

ISSUED: JUNE 30, 1987

SUPERSEDES: MAY 12, 1987

DOCUMENT: 10-2798-6

1. INGREDIENTS		C.A.S. NO.	PERCENT	EXPOSURE LIMITS
chloroprene polymer		N/A		N/D 5
magnesium resinate		N/A		N/D 5
antioxidant		N/A		N/D 5
thermoplastic resins		N/A		N/D 5
zinc oxide		N/A		N/D 5
calcium carbonate		N/A		N/D 5
TOTAL OF THE ABOVE		N/A	38.0	N/D 5
petroleum distillate*		8030-30-6	21.0	400 ppm 1
*contains 23% n-hexane		110-54-3	7.0	50 ppm 1
toluene		108-88-3	33.0	100 ppm 1
ethyl alcohol		64-17-5	1.0	1000 ppm 1

SOURCE OF EXPOSURE LIMIT DATA:

1. ACGIH Threshold Limit Values
2. Federal OSHA Permissible Exposure Limit
3. 3M Exposure Guidelines
4. Chemical Manufacturer Recommended Guidelines
5. None Established

ABBREVIATIONS:

N/D - Not Determined
N/A - Not Applicable

2. PHYSICAL DATA

BOILING POINT: 140F
VAPOR PRESSURE: @68F 120 mm
VAPOR DENSITY (Air=1): 3.0
EVAPORATION RATE (Ether=1): >3.5
APPEARANCE AND ODOR: Tan, low viscosity
liquid with strong
solvent odor.
SOLUBILITY IN WATER: Slight
SP. GRAVITY (Water=1): 0.89
PERCENT VOLATILE: 61.0%
VISCOSITY: 2000-3200 cps
pH: N/D

General Offices/3M

3M Center
St. Paul, Minnesota 55144-1000
(612) 733-1110

00-55
380

**MATERIAL SAFETY
DATA SHEET**



MSDS: SCOTCH-GRIP(TM) 1711 Rubber and Gasket Adhesive
JUNE 30, 1987

Page 2

=====
3. FIRE AND EXPLOSION HAZARD DATA
=====
FLASH POINT (C.C. Petro. Dist.): -14F
FLAMMABLE LIMITS - LEL: 1.0 UEL: 8.0

EXTINGUISHING MEDIA:
CO2, foam, dry chemical
SPECIAL FIRE FIGHTING PROCEDURES:
Fire fighters should be equipped with self-contained breathing
apparatus when fighting fires involving this material.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
Extremely Flammable. Overheated, closed containers adjacent to fire
could explode due to pressure buildup.

=====
4. REACTIVITY DATA
=====
STABILITY: STABLE

INCOMPATIBILITY - MATERIALS TO AVOID:
Oxidizers
HAZARDOUS POLYMERIZATION: MAY NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS:
Thermal decomposition or burning may produce CO, CO2, HCl and other
chlorinated decomposition products.

=====
5. ENVIRONMENTAL INFORMATION
=====
SPILL RESPONSE:
Observe precautions in all sections. Extinguish all ignition
sources. Collect spilled material, cleanup residue and store in
closed metal container (U.S. Dept. of Transportation approved if
waste will be shipped).

RECOMMENDED DISPOSAL:
Commercial incineration with destruction and removal efficiency
greater than 99.99% or reclamation is preferred. If incinerated,
more than 99% of the hydrogen chloride in exhaust gas should be
removed. Otherwise, dispose in accordance with local and current
U.S. Environmental Protection Agency regulations.
U.S. EPA Hazardous Waste Number: D001 (Ignitable).

ENVIRONMENTAL DATA:
VOC: 570 grams/liter maximum Volatile Organic Compound.

General Offices/3M

3M Center
St. Paul, Minnesota 55144-1000
(612) 733-1110

00-55
381

**MATERIAL SAFETY
DATA SHEET**



MSDS: SCOTCH-GRIP(TM) 1711 Rubber and Gasket Adhesive
JUNE 30, 1987

Page 3

=====

6. SUGGESTED FIRST AID

=====

EYE CONTACT:
Flush eyes immediately with plenty of water for at least 10 minutes.
Call a physician.

SKIN CONTACT:
Wash area with soap and water.

INHALATION:
Move affected person to fresh air at once. Restore or support
breathing as necessary. If breathing difficulties persist, call a
physician.

IF SWALLOWED:
Do not induce vomiting. Give victim two glasses of milk or water to
drink and call a physician immediately. If spontaneous vomiting
should occur, lower the victim's head between the knees to prevent
aspiration into the lungs. Do not give liquids to an unconscious
person.

=====

7. PRECAUTIONARY INFORMATION

=====

Keep away from heat, sparks and flame. Use only in areas adequately
ventilated with enough air movement to remove vapors and prevent
vapor buildup. The vapors released by this product can be easily
ignited. Avoid contact with eyes and skin. Avoid prolonged
breathing of vapors. Keep container closed when not in use. Keep
out of the reach of children.

NOTE: Utilize personal protective equipment when handling this
product, i.e. impervious gloves and chemical goggles or safety
glasses depending on exposure conditions.

General Offices/3M

3M Center
St. Paul, Minnesota 55144-1000
(612) 733-1110

00-55
382

**MATERIAL SAFETY
DATA SHEET**



MSDS: SCOTCH-GRIP(TM) 1711 Rubber and Gasket Adhesive
JUNE 30, 1987

Page 4

=====

8. HEALTH HAZARD DATA

=====

EYE CONTACT: Liquid irritating to eyes. Can cause tearing, redness and blurred vision.

SKIN CONTACT: Acute exposure is mildly irritating. Prolonged or repeated contact will produce defatting and resultant dermatitis.

INHALATION: Inhalation of vapors at concentrations exceeding the established exposure limits may cause respiratory system irritation.

Symptoms of overexposure include drowsiness, light-headedness, dizziness, nausea and headache. Repeated or extreme overexposure to toluene vapors or n-hexane may cause nervous system damage.

INGESTION: Swallowing may cause gastrointestinal irritation, nausea, diarrhea and nervous system impairment. Solvent aspiration into the lung as a result of vomiting may cause lung damage.

=====

The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.

General Offices/3M

3M Center
St. Paul, Minnesota 55144-1000
(612) 733-1110

00-55
378

**MATERIAL SAFETY
DATA SHEET**



NOVEMBER 27, 1987

MCDONNELL DOUGLAS CORP
3855 LAKEWOOD BLVD
LONG BEACH CA 90846

DEAR CUSTOMER,

ENCLOSED ARE MATERIAL SAFETY DATA SHEETS (MSDSS) FOR 3M PRODUCTS AS YOU RECENTLY REQUESTED.

OUR OBJECTIVE IN SENDING THIS INFORMATION IS TO HELP YOU PROTECT THE HEALTH AND SAFETY OF YOUR PERSONNEL AND TO COMPLY FULLY WITH THE PROVISIONS OF THE OSHA HAZARD COMMUNICATION STANDARD. THIS STANDARD REQUIRES THAT ALL PERSONNEL WHO MAY BE EXPOSED TO HAZARDOUS MATERIALS MUST BE PROVIDED BY THEIR EMPLOYER WITH ACCURATE INFORMATION ON THE POTENTIAL HAZARDS OF THE MATERIALS AND TRAINED IN PROPER WORK PRACTICES TO MINIMIZE ANY RISK.

IF YOU ARE A DISTRIBUTOR AND RESELL THIS PRODUCT, OSHA REQUIRES THAT YOU TRANSMIT THIS MSDS INFORMATION TO YOUR MANUFACTURING CUSTOMER (I.E., A CUSTOMER IN STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20 THROUGH 39.) AT THE TIME OF SHIPMENT.

ALTHOUGH THIS MSDS IS BEING MAILED AT YOUR REQUEST, YOU SHOULD BE AWARE THAT 3M NORMALLY MAELS REQUIRED MSDSS AUTOMATICALLY TO CUSTOMERS WHO ORDER OUR PRODUCTS. WE ARE COMMITTED TO MEETING OUR CUSTOMER REQUIREMENTS, AND ASK THAT YOU CONTACT YOUR 3M CUSTOMER SERVICE OR SALES REPRESENTATIVE IF YOU HAVE ANY QUESTIONS OR PROBLEMS IN THIS REGARD.

SINCERELY,

F. A. UBEL, M. D.
MEDICAL DIRECTOR